

## **Guide to Kanguru Defender - Hardware Encrypted Flash Drive**

### **Delivery**

The Kanguru Defender hardware encrypted flash drive is delivered in a box and is accompanied by a mini CD (labelled 'Kanguru Drivers & Manuals CD') a neck strap, a USB port extension cable and a warranty form.

The CD in fact only contains a user manual and an electronic copy of the warranty form and so does not need to be run unless the documentation is required. This paper provides an abridged version of the user manual.

### **Setup**

1. Ensure that the write protect switch that is on the side of the Defender is switched to open (towards the USB connector end).
2. Connect the Defender to your computer's USB port either directly or using the extension lead provided if the port is not easily accessible.
3. The Defender Manager application should start automatically (this can take a few minutes whilst your computer recognises the new hardware and launches the application). Once the computer has found the Defender it will ask you if you would like to reboot (see Figure 1). Leave the Defender attached to the USB port and select yes.

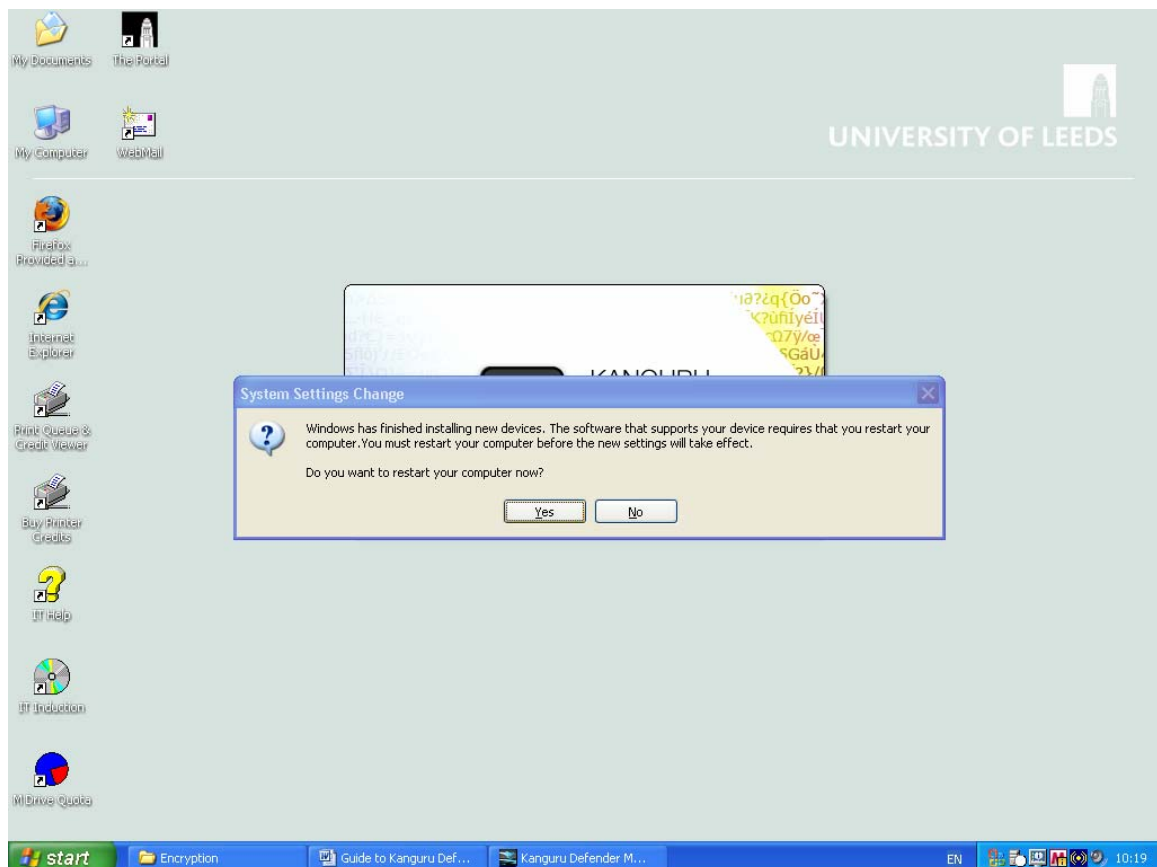


Figure 1.

4. When the computer has rebooted, open 'My Computer' on the Desktop screen and double click on the Kanguru Defender CD Drive. The 'Kanguru Defender Manager Setup Wizard' will automatically launch (see Figure 2).

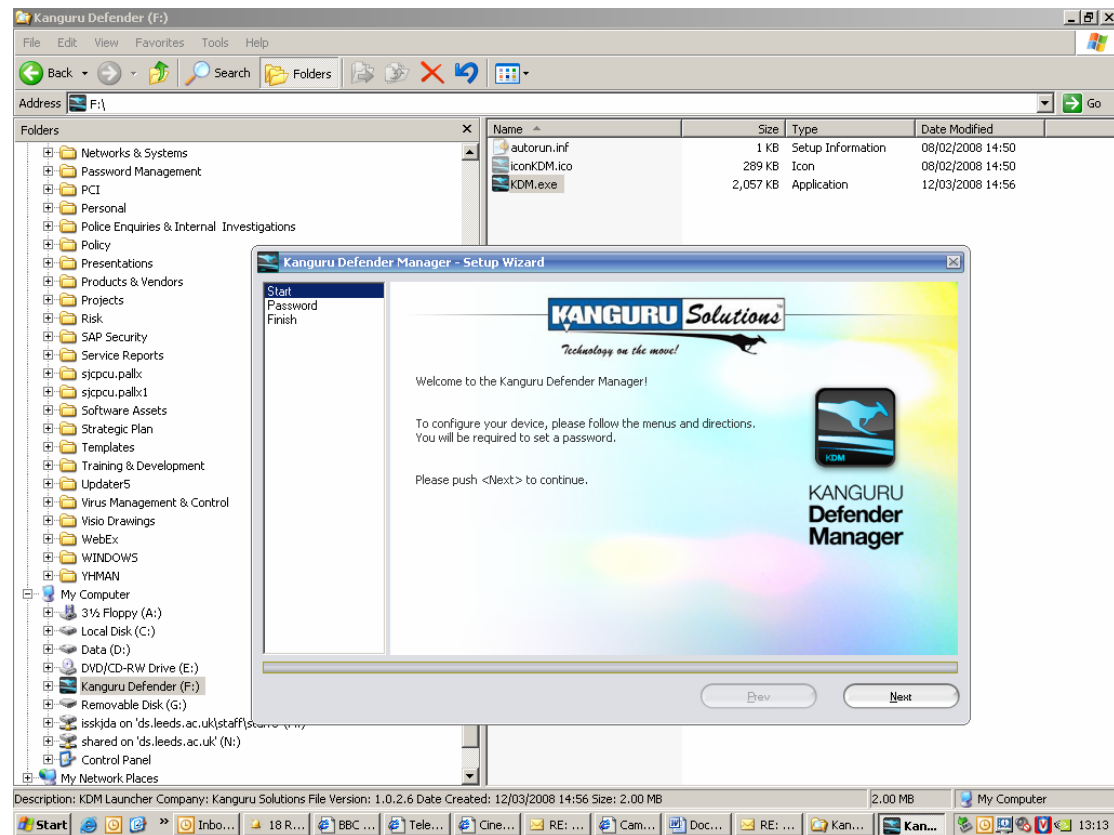


Figure 2

5. Follow the instructions that are shown on the Setup Wizard:

- Select next.
- Enter a password of at least eight characters, re-type it to confirm it.\*
- Select 'Apply' and then 'Next' to continue. The Password Wizard will set 'Security Parameters' you then select 'Finish'.
- A Log-in screen will then auto-launch and requires the password to be entered and 'Login' selected. This will launch a 'Secure Partition'.
- On entering the password, a new drive will be opened called 'Security' and a small icon will appear on your bottom toolbar near your clock. This is the Kanguru Defender Manager (see Figure 3).

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\* The password that you choose should be strong but memorable as the security of the data that you will be storing on the flash drive is only as strong as the password that you use. For guidance on selecting a strong but memorable password please see <http://campus.leeds.ac.uk/isms/guidelines/passwords.htm>.

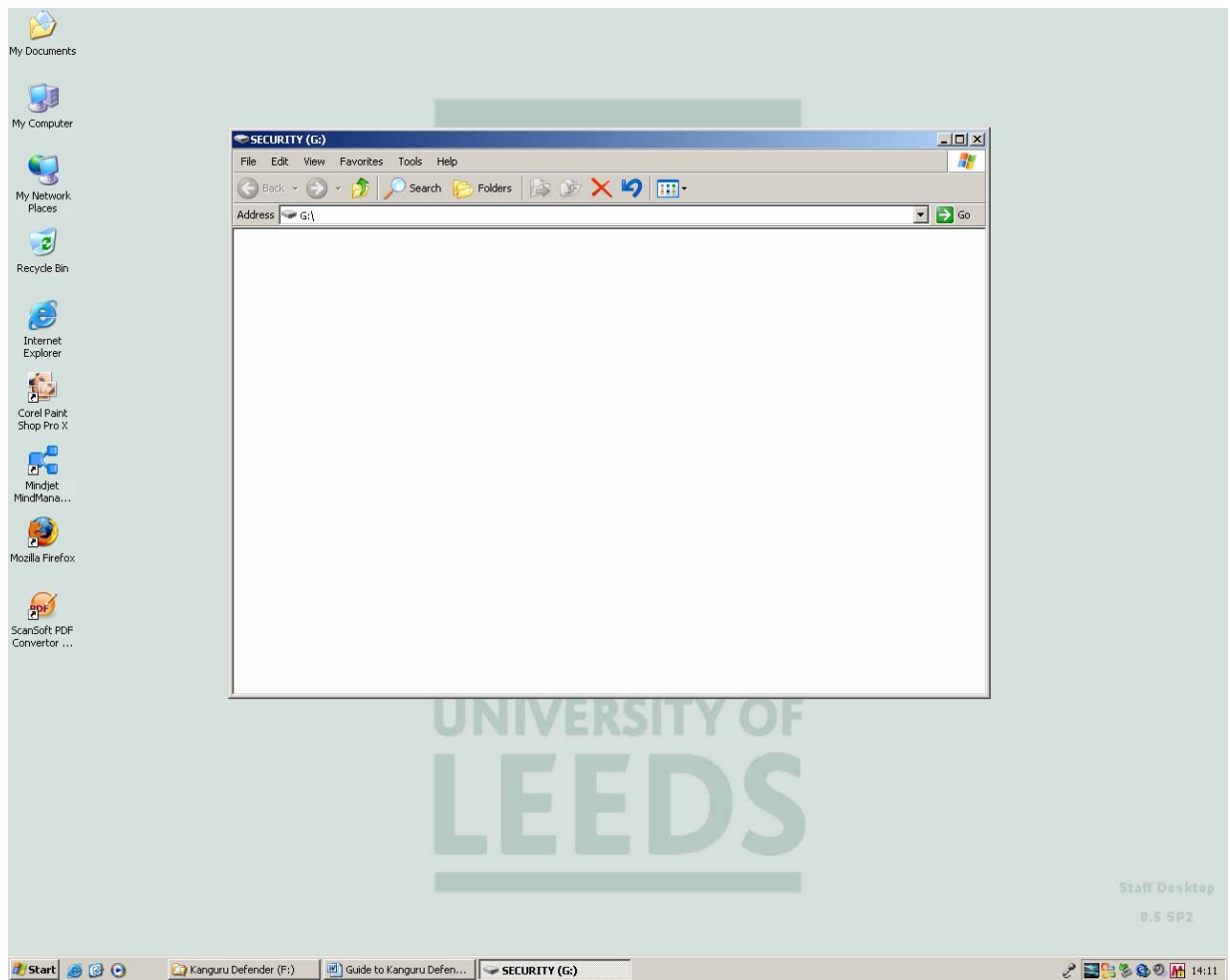


Figure 3

## Use

To use the Defender click on the 'Folders Tab' in the 'Security window' and simply drag folders or files from folders from your other drives and copy them into the 'Security' drive.

The 'Security drive' is treated just like any other drive on your computer and has the same functionality; create new folders, copy, delete etc.

Once you have finished close the 'Security window'.

## **Disconnection**

Disconnection of the Defender requires two actions - **If you disconnect the device without following these steps your data could be lost:**

- First **you must 'unmount it'**. To do this you need to left click on the Kanguru Defender Manager icon and select the first option; 'Unmount Kanguru Defender'. This will unmount the 'Secure Partition'.
- Then you must safely remove hardware. To do this, double click on the safely remove hardware icon next to the Kanguru Defender Manager icon (displays a green arrow). Select stop in the window that opens, select 'Kanguru Defender USB Device' in the second window that opens then okay.

- It is then safe to remove the Defender from the USB port.

### **Further Use**

Each time you connect the Defender to a computer which it has previously been associated with (as described in 'Setup') the Kanguru Defender Manager will automatically launch and request the password.

### **Warnings**

1. If you enter your password incorrectly 7 times all of your data will be erased along with the password. You will be warned about this course of action at the 6<sup>th</sup> entry of the incorrect password.
2. If you use the 'Reset to factory settings' button that appears on the 'Login screen' you will lose all of your data and the password will have to be reset as described in #5 of 'Setup' (above).

### **Note**

Although the Kanguru Defender has been tested with various versions of Windows and with different desktop images at the University, it is possible that a message may appear on the screen which is not addressed in the guide. If this occurs and you are not sure of the action to take, please contact Kevin Darley, IT Security Co-ordinator, University of Leeds, for advice on 0113 343 1118, or 07795 961650.